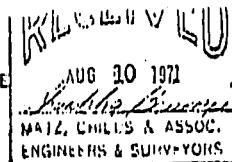


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302-738-2435

August 6, 1971

Dr. Shanka Banerji  
Matz, Childs, and Associates  
1020 Cromwell Bridge Road  
Baltimore, Maryland 21204

Dear Shanka:

I am enclosing the data we have collected on the ponds at the sanitary landfill at Tybouts Corner for the month of July, 1971. I have listed those parameters that we measured, and the "normal" values.

After due consideration, it has been decided that the analyses herein reported, as well as the weekly analyses on the ponds for the month of August, 1971 will be performed free of charge. We are happy to do this as a favor to County Engineer Uldis Karins and New Castle County.

As of July 28, 1971, the problem at Tybouts Corner sanitary landfill did not appear to be under control. It does appear, however, that the action you are presently taking will keep the situation from worsening, and the seepage from the landfill seems to have lessened markedly. We can probably expect more trouble after this past week of rain. I might also point out that the chlorine demand that we measure may not be a good measure of the chlorine demand for the entire lake. We sample from the top 3 inches, and the black material that is causing the problem normally resides lower in the water than this. I would recommend a chlorine dose about five times what you are presently using, but the dead fish may cause a greater problem than you presently have. It seems as though the fish in the pond are surviving, even with the low D. O. - I don't know how.

I will be on vacation for the next three weeks, so if anything comes up, please get in touch with either Professor Rasmussen or Varrin. Good luck.

Sincerely yours,

*Larry L. Olson*  
Larry L. Olson  
Assistant Professor

LLO/pw  
Enclosure

cc: E. Chesson, Jr.; U. Karins; G. P. Rasmussen; R. D. Varrin

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